

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	controller with template with (numeric\$5 near2 reference\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 14:56
S2	0	controller same template with (numeric\$5 near2 reference\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 14:56
S3	0	controller same template with (numeric\$5 near2 reference\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 14:57
S4	1	controller and template with (numeric\$5 near2 reference\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 14:57
S5	0	PLC same template with (numeric\$5 near2 reference\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 14:57
S6	0	PLC with (numeric\$5 near2 reference\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 14:57
S7	4635	(numeric\$5 near2 reference\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 14:57
S8	7	(numeric\$5 near2 reference\$1) with template\$3 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:24
S9	0	(numeric\$5 near2 reference\$1) with (programm\$4 near3 controller\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 14:58

S10	0	(numeric\$5 near2 reference\$1) with (programm\$4 near3 controller\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 14:58
S11	18	(numeric\$5 near2 reference\$1) same (programm\$4 near3 controller\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:00
S12	90	(numeric\$5 near2 reference\$1) and (programm\$4 near3 controller\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:00
S13	1	((numeric\$5 near2 reference\$1) with select\$4) and (programm\$4 near3 controller\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:01
S14	19	((numeric\$5 with reference\$1) with select\$4) and (programm\$4 near3 controller\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:02
S15	20	((numeric\$5 with (reference\$1 pointer\$1)) with select\$4) and (programm\$4 near3 controller\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:03
S16	63	(numeric\$5 with (reference\$1 pointer\$1) same (programm\$4 near3 controller\$1)) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:03
S17	3	(numeric\$5 with (reference\$1 pointer\$1) same (programm\$4 near3 controller\$1)).ab. and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:04
S18	0	(industrial and controller).ab. and (numeric\$5 with (reference\$1 pointer\$1) same (programm\$4 near3 controller\$1)) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:04
S19	6	(industrial and controller).ab. and (numeric\$5 with (reference\$1 pointer\$1) and (programm\$4 near3 controller\$1)) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:06
S20	8	(industrial and controller).ab. and (numeric\$5 with (reference\$1 pointer\$1) and (display\$ console\$3 templat\$4)) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:07

S21	16	{numeric\$5 with reference\$1} with template\$3 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:24
S22	22173234	{numeric\$5 with reference\$1} with template\$3 same controllersand @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:24
S23	0	{numeric\$5 with reference\$1} with template\$3 with controller \$3 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:24
S24	0	{numeric\$5 with reference\$1} with template\$3 same controller \$3 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:24
S25	2	{numeric\$5 with reference\$1} with template\$3 and controller \$3 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:25
S26	167	{numeric\$5) with template\$3 and controller\$3 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:25
S27	17	{numeric\$5) with template\$3 same controller\$3 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:26
S28	1069342	{industrial and controller\$3} and {numeric\$5 index\$3 } with template\$3 controller\$3 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:27
S29	65	{industrial and controller\$3} and {numeric\$5 index\$3 } with template\$3 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:27
S30	4	{industrial and controller\$3}.ab. and {numeric\$5 index\$3 } with template\$3 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:21
S31	0	{industrial and controller\$3} same {numeric\$5 index\$3 } with template\$3 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:30

S32	38	((industrial and controller\$3) same (numeric\$5 index\$3) with display\$3 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:21
S33	16	((industrial and controller\$3) PLC).ab. and ((numeric\$4 index \$3) with parameters) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 15:32
S34	2	("6128653").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/21 22:07
S35	2	("6892709").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 10:52
S36	2	("6892240").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 10:53
S37	2	("6128653").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 10:53
S38	2	("6128653").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 10:53
S39	2	("6104716").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 15:57
S40	2	("6892240").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 15:57
S41	2	("5438622").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/24 14:20
S42	2	("6182163").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/24 14:20

S43	2	("5802073").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/24 14:21
S44	2	("6751213").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/24 14:22
S45	2	("5638384").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/24 14:22
S46	2	("6209039").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/24 14:22
S47	2	("5983275").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/24 14:23
S48	2	("5130859").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/24 14:24
S49	4	("4125763").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/24 14:24
S50	4279	(industrial and controller\$3).ab. and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:21
S51	1	(industrial and controller\$3).ab. (add\$4 with aggregat\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:23
S52	0	(industrial and controller\$3) with (add\$4 with aggregat\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:23
S53	0	(industrial and controller\$3) same (add\$4 with aggregat\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:23

S54	2	(industrial and controller\$3) same (more with aggregat\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:27
S55	452	(industrial and controller\$3) and (more with aggregat\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:27
S56	3	(industrial and controller\$3).ab. and (more with aggregat\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:28
S57	0	(industrial and controller\$3).ab. and (add with aggregat\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:28
S58	0	(industrial and controller\$3).ab. and (add\$3 with aggregat\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:28
S59	1	(industrial and controller\$3).ab. and (add\$3 same aggregat\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:31
S60	3131179	(add\$3 with aggregat\$4 with component\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:32
S61	1993248	(additional aggregat\$4 with component\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:32
S62	258	(additional with aggregat\$4 with component\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:32
S63	31	(additional with aggregat\$4 with component\$1).ab. and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:33
S64	1	(additional with aggregat\$4 with component\$1).ab. and controller and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:33

S65	5	{additional with aggregat\$4 with component\$1) same controller and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:34
S66	51	{additional with aggregat\$41) same controller and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:34
S67	51	{additional with aggregat\$4) same controller and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:34
S68	0	{additional with aggregat\$4) same controller same industrial and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:34
S69	19	{additional with aggregat\$4) same industrial and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:37
S70	74	{additional with industrial with controller\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:37
S71	11	{additional with industrial with controller\$1).ab. and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:42
S72	1	{additional with industrial with controller\$1 with increas\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:43
S73	3	{additional near2 industrial near3 controller\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:47
S74	21	{additional near4 industrial near4 controller\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 10:50
S75	60	{additional near4 controller\$1) same industrial and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 12:26

S76	2	("6201996").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/26 12:27
S77	58666	(addition\$3 with controller) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 12:49
S78	3271	(addition\$3 with controller with devices) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 12:50
S79	509733	(addition\$3 with controller with devices wit industrial) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 12:50
S80	9	(addition\$3 with controller with devices with industrial) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 13:40
S81	110	(addition\$3 with controller\$1 with industrial) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 13:40
S82	15	(addition\$3 with controller\$1 with industrial).ab. and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 13:43
S83	110	(addition\$3 with controller\$1 with industrial) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 13:46
S84	2	(09/967724).APP.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/26 14:24
S85	2	("5845149").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/26 14:37
S86	2	("20030004585").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/26 15:27

S87	2	("20030028889").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/26 15:27
S88	2	("6894972").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/27 20:14
S89	2	("20030043274").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 05:01
S90	5	(comunicat\$4 with (references)) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:18
S91	28716	"709"/\$.ccls. and (references) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:19
S92	79	"709"/\$.ccls. and negotia\$4 with (references) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:19
S93	0	"709"/\$.ccls. and (negotia\$4 with (references)).ab. and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:20
S94	0	"709"/\$.ccls. and negotia\$4 with (references) and industrial with controller and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:20
S95	24543886	"709"/\$.ccls. and negotia\$4 with (references) and PLCand @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:20
S96	0	"709"/\$.ccls. and negotia\$4 with (references) and PLC and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:20
S97	1	negotia\$4 with (references) and PLC and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:20

S98	0	negotia\$4 with (references) and industrial near4 controller\$1 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:21
S99	1438	(references) and industrial near4 controller\$1 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:21
S100	157	(references) same industrial near4 controller\$1 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:22
S101	0	(references) with negotiat\$4 and aggregat\$4 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:23
S102	0	(references) with negotiat\$5 same packets and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:23
S103	3	(references) with negotiat\$5 same aggregat\$4 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:23
S104	269	negotiat\$5 and aggregat\$4 with packet\$1 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:27
S105	43	negotiat\$5 same aggregat\$4 with packet\$1 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:27
S106	1	negotiat\$5 same aggregat\$4 with packet\$1 and PLC and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:28
S107	27	negotiat\$5 same aggregat\$4 with packet\$1 and industrial and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 08:28
S108	1	("20030115340").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 15:03
S109	1	("6047331").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 15:04
S110	1	("20030115340").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 15:27

S111	21290	(optimiz\$4 with (object\$4 packet \$1)) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 15:26
S112	53	(optimiz\$4 with (object\$4 packet \$1)) and tags with responses and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 15:26
S113	0	(optimiz\$4 with (object\$4 packet \$1)).ab. and tags with responses and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 15:28
S114	0	(optimiz\$4 with (object\$4 packet \$1)).ab. and tags with (responses reply\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 15:28
S115	6	(optimiz\$4 with (object\$4 packet \$1)).ab. and tags same (responses reply\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 15:28
S116	8	(optimiz\$4 with (object\$4 packet \$1))same tags same (responses reply\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 15:37
S117	9	(optimiz\$4 with (object\$4 packet \$1))same (tags preferences) same (responses reply\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 15:39
S118	3	(optimiz\$4 with (object\$4 packet \$1))same (pointer\$1) same (responses reply\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 15:41
S119	215	(optimiz\$4 with (object\$4 packet \$1))and (pointer\$1) same (responses reply\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 15:46
S120	23	(optimiz\$4 with (object\$4 packet \$1)).ab. and (pointer\$1) same (responses reply\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 15:46
S121	8487	(pointer\$1) same (message\$1 reply\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 16:32

S122	4837	(pointer\$1) with (message\$1 reply\$4) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 16:32
S123	19	(pointer\$1) with (message\$1 reply\$4) and optimi\$4 near2 packets and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 16:32
S124	98	(pointer\$1) with (message\$1 reply\$4) and optimi\$4 with packets and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 16:54
S125	0	(pointer\$1) with (message\$1 reply\$4) same optimi\$4 with packets and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 16:55
S126	0	(pointer\$1) with (message\$1 reply\$4) with aggregat\$4 and optimi\$4 with packets and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 16:55
S127	0	(pointer\$1) with (message\$1 reply\$4) same aggregat\$4 and optimi\$4 with packets and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 16:55
S128	28	(pointer\$1) with (message\$1 reply\$4) and aggregat\$4 and optimi\$4 with packets and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/13 16:55
S129	53015	(indicat\$4 near3 address\$3) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/14 08:22
S130	3362	((indicat\$4 near3 address\$3) same updat\$4 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/14 08:23
S131	399	((indicat\$4 near3 address\$3) same updat\$4 near2 data) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/14 08:23
S132	47	((indicat\$4 near3 address\$3) same updat\$4 near2 data).ab. and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/14 08:23

S133	25	((indicat\$4 near3 address\$3 with (database memory buffer storage)) same updat\$4 near2 data).ab. and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/14 08:25
S134	2	("20020073211").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 15:28
S135	2	("6381617").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 15:28
S136	2	("5958064").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 15:28
S137	2	("5991750").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 15:28
S138	2	("6341285").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 15:29
S139	2	("20020087912").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 15:29
S140	4	((("20020128946") or ("20020040304")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 16:28
S141	2	("6310941").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/16 16:28

S142	18	{numeric\$5 near2 reference\$1) same (programm\$4 near3 controller\$1) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:10
S143	0	S142 and @rlad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:10
S144	0	S142 and @rlad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:10
S145	18	{numeric\$5 with reference\$1) with template\$3 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:10
S146	0	S145 and @rlad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:10
S147	677	"118" and @rlad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:11
S148	9	{addition\$3 with controller with devices with industrial) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:12
S149	2	S148 and @rlad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:12
S150	5	{additional with aggregat\$4 with component\$1)same controller and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:12
S151	2	S150 and @rlad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:13
S152	52	{additional with aggregat\$41) same controller and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:13

S153	18	S152 and @rlad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:13
S154	20	(additional with aggregat\$4) same industrial and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:13
S155	10	S154 and @rlad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:13
S156	62	{numeric\$5 with (reference\$1 pointer\$1) same (programm\$4 near3 controller\$1)) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:14
S157	4	S156 and @rlad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:14
S158	14	{{(industrial and controller\$3) PLC }.ab. and ((numeric\$4 index \$3) with parameters) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:14
S159	14	S158 and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:14
S160	1	S159 and @rlad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:14
S161	27	negotiat\$5 same aggregat\$4 with packet\$1 and industrial and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:15
S162	0	S161 and @rlad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:15
S163	7	zink-steven-M.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:16

S164	12	baier-john-joseph.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:17
S170	39	Johnston-david-a.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 09:18
S171	1	("20010052089").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/19 12:37
S172	12309	(aggregat\$ with (data packet)) and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 17:23
S173	13	(aggregat\$ with (data packet)) same (buffer memory) same address\$1 same length and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 17:24
S174	24	(aggregat\$ adj3 (buffer memory)) same address\$1 same length and @ad<="20020306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 17:36
S175	4432	(array same aggregat\$4) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 12:35
S176	474	(array same aggregat\$4 same length) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 12:36
S177	6	(array same aggregat\$4 same length same pointer) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 12:36
S178	0	(array near2 aggregat\$4 same length) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 15:46
S179	6486730	(array near2 aggregat\$4 same length) and (@ad<="20020306" @rlad<="20020306"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 15:46
S180	6486729	(array near2 aggregat\$4 with length) and (@ad<="20020306" @rlad<="20020306"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 15:47

S181	6486725	{array near2 aggregat\$4 with length}.ab. and (@ad<="20020306" @rlad<="20020306")}	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 15:47
S182	7122023	{array near\$2 aggregat\$4 with length}.ab. and (@ad<="20020306" @rlad<="20020306")}	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 15:47
S183	6486727	{agregat\$4 with "length"}.ab. and (@ad<="20020306" @rlad<="20020306")}	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 15:48
S184	6487694	{aggregat\$4 with "length"}.ab. and (@ad<="20020306" @rlad<="20020306")}	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 15:49
S185	6486874	{aggregat\$4 with controller}.ab. and (@ad<="20020306" @rlad<="20020306")}	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 15:49
S186	61	{aggregat\$4 near3 array}.ab. and (@ad<="20020306" @rlad<="20020306")}	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 15:49
S187	0	{aggregat\$4 near3 array same length}.ab. and (@ad<="20020306" @rlad<="20020306")}	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 15:50
S188	15	{aggregat\$4 near3 array}.ab. and length and (@ad<="20020306" @rlad<="20020306")}	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 15:50
S189	20	{aggregat\$4 near3 array}same length and (@ad<="20020306" @rlad<="20020306")}	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 15:59
S190	2	{aggregat\$4 near3 array}same length same transmit\$4 and (@ad<="20020306" @rlad<="20020306")}	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 16:00
S191	14	{aggregat\$4 near3 array}same transmit\$4 and (@ad<="20020306" @rlad<="20020306")}	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 16:01

S192	156	(aggregat\$4 same array same buffer) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:51
S193	32	industrial and (aggregat\$4 same array same buffer) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:51
S194	3	plc and (aggregat\$4 same array same buffer) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:54
S195	59	plc and (aggregat\$4 same array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:55
S196	0	plc same (aggregat\$4 same array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:55
S197	0	plc and (aggregat\$4 same array same items) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:55
S198	0	plc and (aggregat\$4 same buffer \$4 same items) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:55
S199	232	plc and (aggregat\$4 same buffer \$4) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:55
S200	4	plc same(aggregat\$4 same buffer\$4) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:56
S201	776	(aggregat\$4 same buffer\$4 same types) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:57
S202	36	(aggregat\$4 same buffer\$4 same types).ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:57

S203	65	{aggregat\$4 near3 buffer\$4). ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:57
S204	3	{aggregat\$4 near3 buffer\$4 and transmitt\$4).ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:58
S205	42	{aggregat\$4 near3 buffer\$4 same transmitt\$4) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 18:59
S206	4	{aggregat\$4 near3 buffer\$4 same pointers same length) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 19:03
S207	5	{aggregat\$4 with buffer\$4 same pointers same length) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 19:10
S208	32	{aggregat\$4 same pointers same length) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 19:11
S209	12139	{aggregat\$4 same length) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 19:39
S210	127	{aggregat\$4 same length near5 array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 19:40
S211	3	{aggregat\$4 same length near5 array).ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 19:40
S212	8	{aggregat\$4 near4 data same length near5 array)and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 19:40
S213	127	{aggregat\$4 same length near5 array)and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 19:44

S214	6	(aggregat\$4 same length near5 array) same transmi\$5 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 19:45
S215	261	(aggregat\$4 same length same address) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 20:03
S216	8	(aggregat\$4 same length same address).ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 20:03
S217	97	(aggregat\$4 same length same address)same (memory buffer array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 20:05
S218	19	(aggregat\$4 same length same address)same (memory buffer array) same transmit\$4 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/09 20:05
S219	1	("20020120727").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/10 07:25
S220	1	("6894972").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/10 07:26
S221	1	("20020057446").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/12 06:36
S222	1	("20030110299").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/12 06:37
S223	1	("6060993").FN.	USPAT; USOCR	OR	OFF	2008/11/12 14:04
S224	0	(60/074064).APP.	USPAT; USOCR	OR	OFF	2008/11/17 15:08
S225	1	("6636620").FN.	USPAT; USOCR	OR	OFF	2008/11/17 15:09
S226	1	("6978396").FN.	USPAT; USOCR	OR	OFF	2008/11/17 15:12
S227	15124	(reference\$1) same (aggrega\$4) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:11
S228	324	(reference\$1) same (aggrega\$4) and PLC and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:11

S229	30	{reference\$1} same (aggregat\$4) same group and PLC and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:12
S230	32078	{controller PLC} same handle\$4 and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:13
S231	3145	{controller PLC} same handle\$4 same point\$4 and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:14
S232	53	{controller PLC} same handle\$4 same point\$4 same aggregat\$4 and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:14
S233	0	{controller PLC} same handle\$4 near2 reference\$4 same aggregat\$4 and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:17
S234	1	{controller PLC} and handle\$4 near2 reference\$4 same aggregat\$4 and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:17
S235	1072	{controller PLC} and handle\$4 near2 reference\$4 and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:19
S236	102	{controller PLC} same handle\$4 near2 reference\$4 and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:19
S237	2	{controller PLC} same handle\$4 near2 reference\$4 same group and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:19
S238	0	{ PLC} same handle\$4 near2 reference\$4 same group and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:20
S239	2	{ PLC} same handle\$4 with reference\$4 same group and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:20

S240	2	(PLC) same handle\$4 with reference\$4 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:21
S241	21	(PLC) same handle\$4 with (reference\$4 information) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:21
S242	8	(PLC) same handle\$4 near3 (reference\$4 information) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:21
S243	21	(PLC) same handle\$4 near3 (reference\$4 information pointer parameters) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:26
S244	164	(aggregat\$4 same handle\$4 near3 (reference\$4 information pointer parameters)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:50
S245	2	(aggregat\$4 same handle\$4 near3 (reference\$4 information pointer parameters)) .ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:50
S246	39	(aggregat\$4 same handle\$4 near3 (reference\$4 information pointer parameters)) and controller same logic and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:51
S247	1159417	(aggregat\$4 same handle\$4 with (reference\$4 information pointer parameters)) controller and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:54
S248	39	(aggregat\$4 same handle\$4 with (reference\$4 information pointer parameters)) same controller and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:54
S249	91	(aggregat\$4 same handle\$4 with (reference\$4 information pointer parameters)) same memory and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:58

S250	4	(aggregat\$4 same handle\$4 with (reference\$4 information pointer parameters)) same categor\$4 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:01
S251	1	(aggregat\$4 same handle\$4 with (tag)) same categor\$4 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:05
S252	0	program\$4 near4 controller and (aggregat\$4 same handle\$4 with (tag)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:07
S253	0	program\$4 with controller and (aggregat\$4 same handle\$4 with (tag)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:07
S254	20	program\$4 with controller and (aggregat\$4 with (tag)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:08
S255	228	optimiz\$4 and (aggregat\$4 with (tag)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:09
S256	102	optimiz\$4 and controller and (aggregat\$4 with (tag)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:10
S257	2	optimiz\$4 and controller and (aggregat\$4 with (tag) same parameters) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:10
S258	0	optimiz\$4 same(aggregat\$4 with (tag) same parameters) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:11
S259	4	optimiz\$4 same (aggregat\$4 with (tag)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:11
S260	578	(aggregat\$4 with (tag)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:12

S261	179	(aggregat\$4 with (tag)) and controllers and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:12
S262	3	(aggregat\$4 with (tag) same length) and controllers and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:12
S263	1598	(aggregat\$4 same length) and controllers and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:13
S264	103	(aggregat\$4 same length) same controllers and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:13
S265	275	(aggregat\$4 same length) same memory and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:17
S266	0	(program and controller).ab. and (aggregat\$4 same length) same memory and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:17
S267	34	(program and controller).ab. and (aggregat\$4) same memory and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:17
S268	24918004	(program and controller).ab. and (aggregat\$4) same pointer \ and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:18
S269	2	(program and controller).ab. and (aggregat\$4) same pointer \$1 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:18
S270	2	(program and controller) same (aggregat\$4) same pointer\$1 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:22
S271	2	(program same controller) same (aggregat\$4) same pointer\$1 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:22

S272	57	(queue) same (aggregat\$4) same pointer\$1 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:24
S273	20	(queue) same (aggregat\$4) same pointer\$1 and optimiz\$4 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:24
S274	0	PLC and (queue) same (aggregat\$4) same pointer\$1 and optimiz\$4 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:25
S275	0	controller same program\$4 and (queue) same (aggregat\$4) same pointer\$1 and optimiz\$4 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:25
S276	7	controller same (queue) same (aggregat\$4) same pointer\$1 and optimiz\$4 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:25
S277	12	controller same (aggregat\$4) same pointer\$1 and optimiz\$4 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:26
S278	0	industrial same controller same (aggregat\$4) same pointer\$1 and optimiz\$4 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:30
S279	3	industrial same controller same pointer\$1 and optimiz\$4 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:30
S280	1	industrial same controller same pointer\$1 same arrays and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:34
S281	11	industrial same controller and (integrat\$4 group) same pointer\$1 same arrays and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 16:35
S282	2	((("6201996") or ("6480489")). PN.	USPAT; USOCR	OR	OFF	2009/07/02 15:46
S283	3	((("6201996") or ("6480489") or ("6321234")). PN.	USPAT; USOCR	OR	OFF	2009/07/02 15:47

S284	4	((("6201996") or ("6480489") or ("6321234") or ("20050144601"))).FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/02 15:48
S285	5	((("6201996") or ("6480489") or ("6321234") or ("20050144601") or ("3969723"))).FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/02 15:48
S286	3588875	(aggregation component) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 17:59
S287	811	(aggregation near2 component) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:00
S288	174	(aggregation near2 component) and controller and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:00
S289	3	(aggregation near2 component) and controller with industrial and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:00
S290	154	(aggregation near2 component) and industrial and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:03
S291	2	(aggregation near2 component) same industrial and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:03
S292	0	(aggregation near2 component) same PLC and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:04
S293	0	(aggregation with component) same PLC and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:04
S294	102	(aggregation with component) and PLC and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:04
S295	7	(aggregation adj2 component) and PLC and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:04

S296	636	industrial with controller and PLC and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:13
S297	28	industrial with controller and PLC and aggregat\$3 and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:14
S298	3555917	industrial with controller and PLC and aggregat\$3 near\$4 array and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:42
S299	3555882	industrial with controller same PLC and aggregat\$3 near\$4 array and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:49
S300	0	industrial with controller same PLC and aggregat\$3 near4 array and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:49
S301	0	industrial with controller and PLC and aggregat\$3 near4 array and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:50
S302	12265	industrial with controller aggregat\$3 near4 array and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:50
S303	0	industrial with controller and aggregat\$3 near4 array and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:50
S304	6	plc and aggregat\$3 near4 array and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:50
S305	16	plc and aggregat\$3 with array and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:51
S306	0	industrial with controller and aggregat\$3 with array and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:54

S307	0	industrial with controller and aggregat\$3 with buffer and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:54
S308	0	industrial with controller and aggregat\$3 same (buffer array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:54
S309	416	industrial with controller and select\$4 same (buffer array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:55
S310	217	industrial with controller and select\$4 same (array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:55
S311	14	(industrial with controller).ab. and select\$4 same (array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:55
S312	109	(industrial with controller)same (array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 18:59
S313	1	(industrial with controller)same set near4 (array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 19:10
S314	2	(industrial with controller)same set with (array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 19:11
S315	3	(industrial with controller)same set same (array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 19:11
S316	81	(PLC)same set same (array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 19:12
S317	24	(PLC)same set with (array) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 19:12

S318	104	(PLC) same set with (commands) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 22:31
S319	96391	(PLC).ab. set with (commands) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 22:33
S320	59	(PLC).ab. and set with (commands) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 22:33
S321	0	(aggregat\$4 integrat\$) near3 select near3 data and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:09
S322	201	(aggregat\$4 integrat\$) near3 select near3 data and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:09
S323	1120	(aggregat\$4 integrat\$) near3 select\$5 near3 data and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:09
S324	6	PLC and (aggregat\$4 integrat\$) near3 select\$5 near3 data and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:10
S325	3	PLC and (aggregat\$4 integrat\$) adj2 select\$5 near3 (data command information) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:14
S326	16	controller same (aggregat\$4 integrat\$)adj2 select\$5 near3 (data command information) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:17
S327	7	controller same industrial and (aggregat\$4 integrat\$)adj2 select\$5 near3 (data command information) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:19
S328	12	controller same remote\$3 and (aggregat\$4 integrat\$)adj2 select\$5 near3 (data command information) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:21

S329	5	controller same remote\$3 and industrial and (aggregat\$4 integrat\$)adj2 select\$5 near3 (data command information) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:22
S330	78	controller same industrial and (aggregat\$4 integrat\$)with select \$5 with (data command information) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:23
S331	3	controller same industrial same (aggregat\$4 integrat\$)with select \$5 with (data command information) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:24
S332	8	plc same (aggregat\$4 integrat\$) with select\$5 with (data command information) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:28
S333	24	plc and (aggregat\$4)with select \$5 with (data command information) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:32
S334	12	plc and (aggregat\$4)with select \$5 with (data command) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/03 07:34
S335	1	("6,480489").PN.	USPAT; USOCR	OR	OFF	2009/07/05 06:28
S336	6807384	(notic\$4 same memory same references)and (@ad<="20020306" @rlad<="20020306"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 06:45
S337	6807001	(notic\$4 same memory same references same updat\$4 near2 data)and (@ad<="20020306" @rlad<="20020306"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 06:45
S338	6807468	(memory with references same updat\$4 near2 data)and (@ad<="20020306" @rlad<="20020306"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 06:45
S339	745	(memory with references same updat\$4 near2 data)and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 06:46

S340	317	(memory near3 references same updat\$4 near2 data)and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 06:46
S341	58	(memory near3 references same updat\$4 near2 data).ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 06:46
S342	4	(memory near3 references same updat\$4 near2 data and host).ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 06:52
S343	0	(memory near3 references same updat\$4 near2 data same network).ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 06:58
S344	1	(memory near3 references same updat\$4 near2 data and network).ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 06:59
S345	17	(memory near3 references same sent and network).ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 07:00
S346	3	(memory near3 references with sent with over with network)and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 07:01
S347	78	(memory near3 references same over with network)and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 07:13
S348	2	(memory near3 references same over with network same updat \$4)and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 07:13
S349	12	(memory adj references same network same updat\$4)and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 07:15
S350	5	(memory adj references same network same updat\$4 near3 data)and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 07:18

S351	7	((memory buffer) adj3 references same network same updat\$4 near3 data)and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 07:19
S352	10	((memory buffer) adj3 pointer same network same updat\$4 near3 data)and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 07:38
S353	261	((memory buffer) adj3 references same updat\$4 near3 data)and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 07:45
S354	62	((memory buffer) adj3 references same updat\$4 near3 (data information)).ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 07:46
S355	0	(exchang\$4 with (memory buffer) adj3 references same updat\$4 near3 (data information)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 08:24
S356	2	(exchang\$4 same (memory buffer) adj3 references same updat\$4 near3 (data information)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 08:24
S357	142	(exchang\$4 same (memory buffer) adj1 references) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 08:25
S358	14	(exchang\$4 same (memory buffer) adj1 references).ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 08:26
S359	0	(exchang\$4 same (memory buffer) adj1 references same synchron\$6) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 08:27
S360	4	(exchang\$4 same (memory buffer) adj1 references same updat\$5) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 08:27
S361	0	(negotiat\$4 with (memory buffer) adj1 references same updat\$5) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 08:29

S362	6	(negotiat\$4 with (memory buffer) adj1 references) and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 08:29
S363	325	(suppl\$4 with (memory buffer) adj1 references) and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 08:30
S364	0	(provide\$1 with (memory buffer) adj1 references) and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 08:31
S365	5	(communicat\$1 near3 (memory buffer) adj1 references) and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 08:31
S366	14	(communicat\$1 near3 (memory buffer) adj1 tags) and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 08:50
S367	10855	((memory buffer) adj1 (tags references)) and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 10:49
S368	1598	((memory buffer) adj1 (tags references)).ab. and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 10:49
S369	0	((memory buffer) adj1 (tags with references)).ab. and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 10:50
S370	1717	((memory buffer) adj1 (tags sam references)).ab. and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 10:50
S371	1	((memory buffer) adj1 (tags same references)).ab. and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 10:50
S372	10	((memory buffer) adj1 (tags same references)) and (@ad<="20020306" @riad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 10:54

S373	1216	((memory buffer) with (tags same references)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 10:55
S374	4	((memory buffer) with (tags same references) and remote). ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 10:55
S375	775	((memory buffer) with (tags same references) same data) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 11:03
S376	47	((memory buffer) with (tags same references) same data same remote\$3) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 11:04
S377	0	((memory buffer) with (tags same references) same (add\$4 insert\$4) near2 data same remote\$3) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 11:06
S378	124	((memory buffer) with (tags same references) same (add\$4 insert\$4) near2 data) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 11:07
S379	137	((memory buffer) with (tags same references) same (add\$4 insert\$4) near2 (data entry)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 11:08
S380	13	((memory buffer) with (tags same references) same (add\$4 insert\$4) near2 (data entry)). ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 11:09
S381	25	((memory buffer) with (tags same references) same (add\$4 insert\$4)with (data entry)).ab. and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 11:12
S382	144	((memory buffer) with (tags same references) with (add\$4 insert\$4)with (data entry)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 11:15
S383	2	plc and ((memory buffer) with (tags same references) with (add\$4 insert\$4)with (data entry)) and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 11:15

S384	1	("6,201,996").PN.	USPAT; USOCR	OR	OFF	2009/07/05 12:20
S385	1	("6,201,996").PN.	USPAT; USOCR	OR	OFF	2009/07/05 16:42
S386	77	optimized near2 data near3 packet	USPAT	OR	OFF	2009/07/05 17:14
S387	132	optimized near2 data near3 packet and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 17:15
S388	0	optimized near2 data near3 packet same tags and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 17:15
S389	0	optimized near2 data near3 packet same references and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 17:15
S390	0	optimiz\$3 near2 data near3 packet same references and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 17:15
S391	0	optimiz\$3 near2 data same references and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 17:16
S392	0	aggrega\$4 near2 data same references and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 17:16
S393	703	aggrega\$4 near2 data same references and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 17:16
S394	7	optimized near2 data near3 packet same references and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 17:16
S395	0	optimized near2 data near3 packet same tags and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 17:17
S396	29	optimized near2 data same tags and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 17:18

S397	186501	plc optimized near2 data same tags and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 17:21
S398	0	plc and optimized near2 data same tags and (@ad<="20020306" @rlad<="20020306")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/05 17:21
S399	1	("4,908,746").PN.	USPAT; USOCR	OR	OFF	2009/07/05 17:28
S400	1	("6,611,739").PN.	USPAT; USOCR	OR	OFF	2009/07/05 20:35

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